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ART UNIT	PAPER NUMBER
2157	

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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
~~Supplemental~~ *Supplemental* **Office Action Summary**	09/881,597	FAROUK, ALAMGIR
	Examiner	**Art Unit**
	Uzma Alam	2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _28 November 2004_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-49_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-49_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

SUPPLEMENTAL ACTION

This action is responsive to the amendment filed November 29, 2004. Claims 1-49 are

pending. Claims 1-49 represent a method for presenting content based on the device description.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6, 11-14, 17, 18, 20, 22-25, 29-42, and 44-47 are rejected under 35

U.S.C. 102(b) as being anticipated by Kikinis US Patent No. 5,727,159. Kikinis discloses the

invention as claimed including a method for allowing low capability computers to browse the

internet.

As per claim 1, Kikinis discloses a method for providing authored content, from device-

independent content generated by a content author, to any of a plurality of requesting user

network terminal devices, each requesting user network terminal device having means for

delivering at least a portion of the authored content received, the presentation of authored content

so delivered being dependent on feature values of the requesting network terminal device, said

method comprising the steps of:

associating one or more of the device feature values with a requesting user network

terminal device in response to said requesting user network terminal device transmitting a

request for the authored content (requesting a document and sending device features with the document; column 8, lines 31-41; column 9, lines 26-54); and

converting the device-independent content into a device-specific content adapted to said requesting user network terminal device, such that said device-specific content provides for a display on said requesting user network terminal device in a format as intended by the content author (converting the image to a size displayable on the client without changing the intended use of the content; column 10, lines 19-67).

As per claim 2, Kikinis discloses the method of claim 1 further comprising the step of specifying a feature-value set for the plurality of user network terminal devices, said feature-value set including a set of selected device features with one or more discrete feature values assigned to each said selected device feature, each said selected device feature selected from the features of the plurality of user network terminal devices in accordance with a pre-established criterion (setting features on a device to be modified; column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 3, Kikinis discloses the method of claim 2 wherein said set of selected device features comprises a member of the group consisting of display size, aspect ratio, display line count, color capability, graphics capability, variable size text capability, different font capability, input capability, and input bandwidth (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 4, Kikinis discloses the method of claim 2 wherein said pre-established criterion includes a determination that a particular said selected device feature affects the manner in which the authored content is presented (the device decides how the content is presented; column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 5, Kikinis discloses the method of claim 2 wherein said feature value set comprises discrete values assigned to selected features of a generic network terminal device (each feature of a device is evaluated and the capability is valued; column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 6, Kikinis discloses the method of claim 5 wherein said generic network terminal device comprises a set of device features selected from the display features of the plurality of user network terminal devices (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 11, Kikinis discloses the method of claim 1 wherein said requesting user network terminal device comprises at least one of a wireless telephone and a personal digital assistant (column 4, lines 45-47; column 7, lines 44-56).

As per claim 12, Kikinis discloses the method of claim 1 further comprising the step of identifying said requesting user network terminal device prior to said step of associating one or

more of the device feature display values (column 6, lines 37-47; column 7, lines 14-25; column 8, lines 31-41).

As per claim 13, Kikinis discloses the method of claim 12 wherein said step of identifying said requesting user network terminal device comprises the step of reading network terminal device information contained in said request (column 6, lines 37-47; column 7, lines 14-25; column 8, lines 31-41).

As per claim 14, Kikinis discloses the method of claim 1 wherein said step of converting the device independent content comprises the steps of:

determining the array of display pixels available in said requesting user network terminal device from the feature values (column 10, lines 9-24);

comparing said array of display pixels with an array of image pixels corresponding to an authored content image (column 10, lines 9-24);

selecting said authored content image for display in said requesting user network terminal device if said array of image pixels does not exceed said array of display pixels (column 10, lines 9-24); and

suppressing said authored content image from display if said array of image pixels does exceed said array of display pixels (column 10, lines 9-24).

As per claim 17, Kikinis discloses the method of claim 1 wherein said step of converting the device independent content comprises the steps of:

determining that said authored content is marked as having a bi-axially free form

characteristic (column 7, lines 14-25);

identifying the character count supported by a display in said requesting user network

terminal device (column 7, lines 14-25; column 10, lines 46-56);

sending to said requesting user network terminal device a segment of authored content,

wherein the character count in said segment corresponds to said character count supported by

said display (column 10, lines 46-56).

As per claim 18, Kikinis discloses a communication system for providing authored

content to any of a plurality of requesting user network terminal devices, each requesting user

network terminal device having means for delivering at least a portion of the authored content

received, the presentation of authored content so delivered being dependent on features of the

requesting user network terminal device, said communication system comprising:

a network terminal device detector for receiving a display request from the requesting

user network terminal device and providing therefrom identification of the requesting user

network terminal device (requesting a document and sending device features with the document;

column 8, lines 31-41; column 9, lines 26-54);

an origin server for receiving said display request and, in response thereto, providing

device-independent content corresponding to said display request (converting the image to a size

displayable on the client without changing the intended use of the content; column 10, lines 9-

24);

a transformer for associating one or more user network terminal device feature values

with said requesting user network terminal device in response to receiving said user network

terminal device identification from said terminal device detector, for receiving said device-

independent content from said origin server, and for transforming said device-independent

content into device-specific content formatted for the requesting user network terminal device

(converting the image to a size displayable on the client without changing the intended use of the

content; column 10, lines 26-67).

As per claim 20, Kikinis discloses the communication system of claim 18 further

comprising a device profile repository accessible by said network terminal device detector, said

device profile repository including a feature-value set for the requesting user network terminal

device, said feature-value set including a set of selected user network terminal device features

with one or more discrete device feature values assigned to each said selected user network

terminal device feature (setting features on a device to be modified; column 6, lines 55-67;

column 7, lines 14-56; column 10, lines 19-44).

As per claim 22, Kikinis discloses the communication system of claim 18 wherein each

said selected user network terminal device feature is selected from the features of the plurality of

requesting user network terminal devices in accordance with a pre-established criterion (setting

features on a device to be modified; column 6, lines 55-67; column 7, lines 14-56; column 10,

lines 19-44).

As per claim 23, Kikinis discloses the communication system of claim 18 wherein said set of selected device features comprises a member of the group consisting of display size, aspect ratio, display line count, color capability, graphics capability, variable size text capability, different font capability, and input capability (column 6, lines 55-67; column 7, lines 14-56; column 10, lines 19-44).

As per claim 24, Kikinis discloses the method of claim 18 wherein said requesting user network terminal device comprises at least one of a wireless telephone and a personal digital assistant (column 4, lines 45-47; column 7, lines 44-56)

As per claim 25, Kikinis discloses a method of presenting content to a terminal device having particular display characteristics, said method comprising the steps of:

receiving a request for content from the terminal device (requesting a document and sending device features with the document; column 8, lines 31-41; column 9, lines 26-54);

based on said request, identifying display characteristics associated with the terminal device (requesting a document and sending device features with the document; column 8, lines 31-41; column 9, lines 26-54);

converting the content into a device-dependent format compatible with said identified display characteristics (converting the image to a size displayable on the client without changing the intended use of the content; column 10, lines 19-24); and

transmitting said device-dependent formatted content to the terminal device (converting

the image to a size displayable on the client without changing the intended use of the content;

column 10, lines 26-67).

As per claim 29, Kikinis discloses the method of claim 25 wherein said step of converting

comprises the step of converting the content into a small-sized image if the terminal device

accommodates only small-sized images, and converting the content into a large-sized image if

the terminal device accommodates large-sized images (setting features on a device to be

modified; column 6, lines 55-67; column 7, lines 14-25; column 10, liens 19-44).

As per claim 31, Kikinis discloses the method of claim 25 wherein said step of·converting

comprises the step of performing a best-fit match between said display characteristics and one of

a plurality of display formats (column 10, lines 19-24).

As per claim 32, Kikinis teaches a method for providing device-specific content to a

requesting data processing device from device-independent content generated by a content

author, said method comprising steps of:

(a) identifying one or more display feature values associated with displaying content on a

requesting data processing device in response to said requesting data processing device

transmitting a request for the device-independent content (requesting a document and sending

device features with the document; column 8, lines 31-41; column 9, lines 26-54); and

(b) converting the device-independent content into the device-specific content based on the identified one or more display feature values (converting the image to a size displayable on the client without changing the intended use of the content; column 10, lines 19-67).

As per claim 33, Kikinis teaches the method of claim 32, wherein step (a) comprises determining a device type of the requesting data processing device, and looking up the one or more display feature values based on the device type (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 34, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to a display size of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 35, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to an aspect ratio of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 36, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to a display line count of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 37, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to a color capability of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 38, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to a variable size text capability of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 39, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to a multiple font capability of the requesting data processing device(column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 40, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to an input capability of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 41, Kikinis teaches the method of claim 32 wherein one of said one or more display feature values corresponds to an input bandwidth of the requesting data processing device (column 6, lines 55-67; column 7, lines 16-25; column 10, lines 19-44).

As per claim 42, Kikinis teaches the method of claim 32, wherein step (b) comprises altering the device independent content based on annotations within the device independent

content and based on the one or more display feature values, wherein said annotations specify an

intent of the content author for the one or more display feature values (converting the image to a

size displayable on the client without changing the intended use of the content; column 10, lines

19-67).

As per claim 44, Kikinis teaches the method of claim 32, wherein said requesting data

processing device comprises a wireless telephone (column 4, lines 45-47; column 7, lines 44-56).

As per claim 45, Kikinis teaches the method of claim 32 wherein step (b) comprises the

steps of:

determining an array of display pixels available in said requesting data processing device

based on the one or more display feature values (column 10, lines 9-24);

comparing said array of display pixels with an array of image pixels corresponding to a

content image (column 10, lines 9-24);

selecting said content image for display in said requesting data processing device if said

array of image pixels does not exceed said array of display pixels (column 10, lines 9-24); and

suppressing said content image from display if said array of image pixels does exceed

said array of display pixels (column 10, lines 9-24).

As per claim 46, Kikinis teaches the method of claim 32, wherein step (b) comprises

steps of: determining an aspect ratio for said requesting data processing device based on the one

or more display feature values (column 10, lines 19-25, lines 46-67);

sending device-specific content in the determined aspect ratio to said data processing

terminal device (column 10, lines 19-25, lines 46-67).

As per claim 47, Kikinis teaches the method of claim 46, wherein said aspect ratio

comprises a square aspect ratio (column 10, lines 46-64)

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claims 7-10, 19, 21, 26, 30 and 43 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Kikinis US Patent No. 5,727,159 in view of Moore US Patent No. 6,310,601.

Moore discloses the invention as claimed including using tags in an html document to format the

document (see abstract).

As per claim 7, Kikinis discloses the method of claim 1. Kikinis does not disclose further

comprising the step of annotating the authored content with markup information to provide the

device-independent content, said markup information specifying intent of the content author for

one or more corresponding device feature values. Moore discloses further comprising the step of

annotating the authored content with markup information to provide the device-independent

content, said markup information specifying intent of the content author for one or more

corresponding device feature values (column 3, lines 31-52; column 4, lines 20-60; column 5,

lines 1-18; column 6, lines 1-30). It would have been obvious to a person of ordinary skill in the

art at the time of the invention to combine the metatags of Moore with the modifying format of

Kikinis. A person of ordinary skill in the art would have been motivated to do this to be able to

display web pages and images more accurately.

As per claim 8, Kikinis discloses the method of claim 7. Kikinis does not disclose

wherein said step of converting the device-independent content comprises the step of invoking

said markup information corresponding to the device feature values associated with said

requesting user network terminal device. Moore discloses converting the device-independent

content comprises the step of invoking said markup information corresponding to the device

feature values associated with said requesting user network terminal device (column 4, lines 20-

60). It would have been obvious to a person of ordinary skill in the art at the time of the

invention to combine the metatags of Moore with the modifying format of Kikinis. A person of

ordinary skill in the art would have been motivated to do this to be able to display web pages and

images more accurately.

As per claim 9 Kikinis discloses the method of claim 7. Kikinis does not disclose

wherein said step of converting the device-independent content comprises the step of removing

said markup information from said device-independent content. Moore discloses converting the

device-independent content comprises the step of removing said markup information from said

device-independent content (column 6, lines 30-53; column 7, lines 1-41). It would have been

obvious to a person of ordinary skill in the art at the time of the invention to combine the

metatags of Moore with the modifying format of Kikinis. A person of ordinary skill in the art

would have been motivated to do this to be able to display web pages and images more

accurately.

As per claim 10, Kiknis discloses the method of claim 7. Kikinis does not disclose

wherein said step of annotating the authored content comprises the steps of:

identifying that content in said authored content which requires author annotation; and

embedding meta-data into said content requiring author annotation, said meta-data based

on the feature values.

Moore discloses identifying that content in said authored content which requires author

annotation (column 3, lines 33-67; column 4, lines 1-36); and

embedding meta-data into said content requiring author annotation, said meta-data based

on the feature values (column 4, lines 36-60).

It would have been obvious to a person of ordinary skill in the art at the time of the

invention to combine the metatags of Moore with the modifying format of Kikinis. A person of

ordinary skill in the art would have been motivated to do this to be able to display web pages and

images more accurately.

As per claim 19, Kikinis discloses the communication system of claim 18. Kikinis does

not disclose wherein said device-independent content comprises markup information providing

information for displaying said authored content in compliance with author intent. Moore

discloses device-independent content comprises markup information providing information for displaying said authored content in compliance with author intent (column 3, lines 31-52; column 4, lines 20-60; column 5, lines 1-18; column 6, lines 1-30). It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine the metatags of Moore with the modifying format of Kikinis. A person of ordinary skill in the art would have been motivated to do this to be able to display web pages and images more accurately.

As per claim 21, Kikinis discloses the communication system of claim 18. Kikinis does not disclose further comprising a content repository accessible by said origin server, said content repository for storing annotated authored content generated by the content author whereby said origin server provides device-independent content from said annotated authored content. Moore discloses content repository accessible by said origin server, said content repository for storing annotated authored content generated by the content author whereby said origin server provides device-independent content from said annotated authored content (column 3, lines 31-52; column 4, lines 20-60; column 5, lines 1-18; column 6, lines 1-30). It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine the metatags of Moore with the modifying format of Kikinis. A person of ordinary skill in the art would have been motivated to do this to be able to display web pages and images more accurately.

As per claim 26, Kikinis discloses the method of claim 25. Kikinis does not disclose converting comprises the step of converting the content by interpreting metatags embedded in the content. Moore discloses converting comprises the step of converting the content by interpreting metatags embedded in the content (column 3, lines 33-67; column 4, lines 1-60). It

would have been obvious to a person of ordinary skill in the art at the time of the invention to

combine the metatags of Moore with the modifying format of Kikinis. A person of ordinary skill

in the art would have been motivated to do this to be able to display web pages and images more

accurately.

As per claim 30, Kikinis discloses the method of claim 25. Kikinis does not disclose

further comprising the step of annotating the content with meta-data to indicate the manner in

which portions of the content should be represented on a plurality of different terminal devices,

the terminal devices having mutually incompatible display characteristics. Moore teaches

annotating the content with meta-data to indicate the manner in which portions of the content

should be represented on a plurality of different terminal devices, the terminal devices having

mutually incompatible display characteristics (column 3, lines 33-67; column 4, lines 1-60). It

would have been obvious to a person of ordinary skill in the art at the time of the invention to

combine the metatags of Moore with the modifying format of Kikinis. A person of ordinary skill

in the art would have been motivated to do this to be able to display web pages and images more

accurately.

As per claim 43, Kikinis teaches the method of claim 42. Kikinis does not teach wherein

said altering step comprises removing the annotations from the device-independent content.

Moore teaches wherein said altering step comprises removing the annotations from the

device-independent content (column 6, lines 30-53; column 7, lines 1-41). It would have been

obvious to a person of ordinary skill in the art at the time of the invention to combine the

metatags of Moore with the modifying format of Kikinis. A person of ordinary skill in the art

would have been motivated to do this to be able to display web pages and images more

accurately.

Claims 15, 27, 28, 48 and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Kikinis US Patent No. 5.727.159 in view of Rohrabaugh et al. US Patent Publication No.

2002/0091738. Rohrabaugh discloses the invention as claimed including a resolution

independent vector display of Internet content (see abstract).

As per claims 15, 48 and 49 Kikinis discloses the method of claims 1 and 46 wherein said

step of converting the device independent content comprises the steps of:

determining an aspect ratio for said requesting user network terminal device from the

feature values (column 10, lines 19-25 and lines 46-67)

sending authored content marked with an attribute of square to said requesting user

network terminal device if said aspect ratio is square (column 10, lines 46-67). Kikinis does not

explicitly disclose sending authored content marked with an attribute of portrait to said

requesting user network terminal device if said aspect ratio is portrait; and

sending authored content marked with an attribute of landscape to said requesting user

network terminal device if said aspect ratio is landscape.

Rohrabaugh discloses sending authored content marked with an attribute of portrait to

said requesting user network terminal device if said aspect ratio is portrait (paragraph 0102); and

sending authored content marked with an attribute of landscape to said requesting user

network terminal device if said aspect ratio is landscape (paragraph 0102).

It would have been obvious to a person of ordinary skill in the art at the time of the

invention to combine the display of the aspect ratio of Kikinis with the portrait and landscape

display of Rohrabaugh. A person of ordinary skill in the art would have been motivated to do

this to format content specifically for a particular user device.

As per claim 27, Kikinis discloses the method of claim 25. Kikinis does not disclose

wherein said step of converting comprises the step of converting the content into a landscape

formatted display format if the terminal device has a landscape-formatted display, and

converting the content into a portrait- formatted display format if the terminal device has a

portrait-formatted display. Rohrabaugh discloses converting to a portrait or landscape formatted

display. See paragraph 0102. It would have been obvious to a person of ordinary skill in the art

at the time of the invention to combine the display of the aspect ratio of Kiknis with the portrait

and landscape display of Rohrabaugh. A person of ordinary skill in the art would have been

motivated to do this to format content specifically for a particular user device.

As per claim 28, Kikinis discloses the method of claim 25. Kikinis does not disclose

wherein said step of converting comprises the step of converting the content into a first aspect

ratio if the terminal device has said first aspect ratio, and converting the content into a second

aspect ratio of the terminal device has said second aspect ratio. Rohrabaugh discloses converting

the content into a first aspect ratio if the terminal device has said first aspect ratio, and converting

the content into a second aspect ratio of the terminal device has said second aspect ratio See

paragraph 0102. It would have been obvious to a person of ordinary skill in the art at the time of

the invention to combine the display of the aspect ratio of Kikinis with the portrait and landscape

display of Rohrabaugh. A person of ordinary skill in the art would have been motivated to do

this to format content specifically for a particular user device.

Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kikinis US

Patent No. 5,727,159 in view of Lo et al. US Patent No. 6,523,040. Lo discloses the invention as

claimed including displaying content to a user with specific preferences.

Kikinis discloses the method of claim 1.

Kikinis does not explicitly disclose wherein said step of converting the device

independent content comprises the steps of:

determining that said authored content is marked as having a uni-axis free form

characteristic;

identifying the number of segments supported by the display in said requesting user

network terminal device;

concatenating a number of rows for sending to said requesting user network terminal

device if said uni-axis free form characteristic includes a list characteristic, wherein said number

of rows corresponds to said number of segments supported; and

concatenating a number of columns for sending to said requesting user network terminal

device if said uni-axis free form characteristic includes a column characteristic, wherein said

number of columns corresponds to said number of segments supported.

Lo discloses a method comprising:

determining that said authored content is marked as having a uni-axis free form

characteristic (column 6, lines 46-67; column 7, lines 1-35);

identifying the number of segments supported by the display in said requesting user

network terminal device (column 6, lines 46-67; column 7, lines 1-35);

concatenating a number of rows for sending to said requesting user network terminal

device if said uni-axis free form characteristic includes a list characteristic, wherein said number

of rows corresponds to said number of segments supported (column 6, lines 46-67; column 7,

lines 1-35); and

concatenating a number of columns for sending to said requesting user network terminal

device if said uni-axis free form characteristic includes a column characteristic, wherein said

number of columns corresponds to said number of segments supported (column 6, lines 46-67;

column 7, lines 1-35).

It would have been obvious to a person of ordinary skill in the art at the time of the

invention to combine the viewing of Kikinis with the concatenating of Lo. A person of ordinary

skill in the art would have been motivated to do this to allow the user to view the content

properly.

Response to Arguments

Applicant's arguments with respect to claims 1-31 have been considered but are moot in

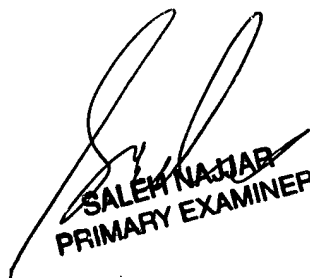view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uzma Alam whose telephone number is (571) 272-3995. The examiner can normally be reached on Monday-Tuesday 11:30am-8pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Uzma Alam
ua

/SALEH NAJJAR/
PRIMARY EXAMINER